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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/787,004	02/24/2004	Abe Qutub	61098/2:2	3946
3528	7590	11/03/2005	EXAMINER	
STOEL RIVES LLP 900 SW FIFTH AVENUE SUITE 2600 PORTLAND, OR 97204-1268			KRAMER, DEVON C	
			ART UNIT	PAPER NUMBER
			3683	

DATE MAILED: 11/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/787,004	<b>Applicant(s)</b> QUTUB ET AL	
	<b>Examiner</b> Devon C. Kramer	<b>Art Unit</b> 3683	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 01 August 2005.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) 30 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 4 7-17 19-29 is/are rejected.
- 7) ☒ Claim(s) 2,3,5,6 and 18 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

- 1) Claim 30 remains withdrawn from the application.

***Claim Rejections - 35 USC § 102***

- 2) The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

- 3) Claims 1, 4, 7-9, 11-17, and 19-21 are rejected under 35 U.S.C. 102(b) as being anticipated by Roy (2678796).

In re claims 1, 13, Roy provides a device capable of acting as a seismic isolator for a structure supporting on a mounting surface (26), the structure including a base (11, 33) having an inner surface facing the mounting surface and an outer surface opposite the inner surface, comprising: a load shaft (21) having opposing first and second ends, the first end adapted to be secured to the mounting surface, and the load shaft sized so that the second end of the load shaft extends beyond the outer surface of the base of the structure; an actuator (17, 19) having a mounting end adapted to be secured to the base and a driver (34) spaced apart from the mounting end; and a resilient element (35, 38) operably interposed between the driver and the second end of the load shaft to allow relative motion between the mounting surface and the structure in the event of an applied external force and to absorb and dissipate energy of such relative motion, thereby attenuating the effect on the structure of the external applied force.

IN re claim 4, see figure 1 elements 29 of Roy.

IN re claim 7, the nuts (24, 27) enable a preload on the resilient elements.

In re claims 8 and 21, the device of Roy is capable of supporting electrical equipment.

In re claim 9, Roy teaches an arrangement where no part of the isolator extends below the base (33). Please note that Roy meets this limitation as much as the instant application because the instant application has the stud (22) extending below the base.

In re claim 11, see element 14.

In re claim 12, see element 24.

In re claim 14, see resilient element 38, 31, 35; load shaft 21; and actuator 11.

In re claims 15, 17, see figure 1.

In re claim 16, please note that the device is secured to a structure.

In re claim 19, see 17, 19, and 34.

In re claim 20, please note the device can be dismantled via bolts 20, 42.

### ***Claim Rejections - 35 USC § 103***

4) The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5) Claims 10 and 22-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Roy (2678796) in view of Wolf et al (3973078).

Roy teaches all of the limitations in the claims as cited above, but lack the teaching of a mounting stud.

Wolf et al teaches a mounting stud in figure 11. Note the top and bottom portions are attached to structure or a base using a threaded stud.

It would have been obvious to one of ordinary skill in the art at the time of the invention to have mounted the isolators of Roy using a mounting stud as taught by Wolf et al merely because it is a known secure means to mount a device to a ground structure.

#### ***Allowable Subject Matter***

6) Claims 2-3, 5-6 and 18 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

#### ***Response to Arguments***

7) Applicant's arguments filed 8/1/05 have been fully considered but they are not persuasive. Applicant argues that Roy lacks a mounting surface. Please note that anything to which the device of Roy is connected to can be considered a mounting surface. In the instant case, surface 26 is used as a mounting surface.

***Conclusion***

8) **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

9) Any inquiry concerning this communication or earlier communications from the examiner should be directed to Devon C. Kramer whose telephone number is 571-272-7118. The examiner can normally be reached on Mon-Fri 8-4.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James McClellan can be reached on (571 )272-6786. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3683

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DK

Devon C Kramer  
Primary Examiner  
Art Unit 3683

 10/26/05  
**DEVON C. KRAMER**  
**PATENT EXAMINER**